

N A T U R A L R E S O U R C E S

Index to Geologic and Geophysical Mapping of Washington, Part II—Theses, 1901 to 2001

compiled by
Connie J. Manson

WASHINGTON
DIVISION OF GEOLOGY
AND EARTH RESOURCES

Revised July 7, 2003



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Doug Sutherland - Commissioner of Public Lands

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Note: This index will be periodically revised as new maps become available. The index to published and open-filed mapping has been released separately as Part I of this index.

INTRODUCTION

The first index to thesis mapping of Washington State was prepared by William H. Reichert in 1969. That work was updated to include thesis mapping through 1985 (Manson, 1986), and a supplement was issued to cover thesis mapping 1986 to 1998 (Manson, 1999). This report combines those prior works and includes original thesis mapping received in the Washington Division of Geology and Earth Resources (DGER) library to date. The index shows only pertinent and original mapping at scales from 1:480 through 1:274,000 as issued in theses. Superseded maps, sketch maps, mine maps, maps copied from other sources, and non-geologic or non-geophysical mapping have been excluded.

How to Use This Index

The electronic version of this index is a simple copy of the printed index; it is not an interactive, searchable database. (While we greatly appreciate the advantages of that format, it is not possible for us at this time.) Users might find it easier to print out the maps and text for easy reference. The text and color maps print to standard 8½- by 11-inch paper. The text portion was originally designed for double-sided printing; therefore, a few intentionally blank pages appear within the text. The color maps were designed for single-sided printing.

The geologic mapping has been outlined on 5 sheets, separated by scale. The geophysical mapping has been outlined on 1 sheet. All map outlines are keyed by number to the Bibliography which gives the full citation for each map, numbered and listed alphabetically by author. If a report includes geologic and (or) geophysical mapping at different scales, the maps are outlined on the separate sheets as appropriate.

How to Obtain the Maps

All the theses listed here are held at the DGER library in Olympia, Washington. Materials are not loaned from the library collection, but are available for examination during our office hours.

The theses are also usually held at the university where they were done (contact numbers for those universities are given in The American Geological Institute's *Directory of Geoscience Departments* [Claudy, 2001]).

ACKNOWLEDGMENTS

We are gratified that this map index project continues to be highly valued by the geoscience community. They deserve no less than our best efforts.

Because this has been a long-term project, there are many to thank: cartographers Keith Ikerd, Don Hiller, and Nancy Eberle, and editors Laura Bray, Kitty Reed, and Jari Roloff. We offer special thanks to editor Karen D. Meyers for the web version of the index. As ever, we are grateful to the administrators of the Division of Geology and Earth Resources for their continued support for this long-term project.

While great effort has been made to make this index as complete and accurate as possible, it is inevitable that some mistakes have been made. Any information about omissions or errors will be greatly appreciated.

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Mapped areas are shown on Plates 1 through 6, which are arranged by map type and scale.

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 126b Map 2, scale 1:15,840;
 126c Map 3, scale 1:15,840.
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 138b Plate III, scale 1:15,000;
 138c Plate IV, scale 1:15,000;
 138d Plate V, scale 1:15,000.
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Geologic map: Plate, scale 1:24,000.

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 - 148b Plate B, scale 1:35,500;
 - 148c Plate C, scale 1:36,000;
 - 148d Plate D, scale 1:22,000.
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- 150a Plate 1, scale 1:25,000;
 - 150b Plate 2, scale 1:38,000;
 - 150c Plate 3, scale 1:19,000.
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- Geologic map:* Figure 2, scale 1:50,688.
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165. Griffin, B. E., 1948, The geology of the Monte Cristo district with special reference to ore deposits: University of Washington Master of Science thesis, 60 p., 1 plate.
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 199b Plate 2, scale 1:42,290;
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227. Jones, R. W., 1957, Petrology and structure of the Higgins Mountain area, northern Cascades, Washington: University of Washington Master of Science thesis, 186 p., 1 plate.
Geologic map: Plate, scale 1:62,500.
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Geologic map: Plate 1, scale 1:31,680.
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Geologic map: Plate 1, scale 1:24,000.
233. Knoll, K. M., 1967, Surficial geology of the Tolt River area, Washington: University of Washington Master of Science thesis, 91 p., 1 plate.
Geologic map: Plate 1, scale 1:24,000.
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Geologic map: scale 1:13,000.
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Geologic map: Plate C, scale 1:250,000.
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Geologic maps:
 236a Plate 1, scale 1:62,500;
 236b Plate 2, scale 1:125,000.
237. Kremer, D. E., 1959, The geology of the Preston–Mt. Si area: University of Washington Master of Science thesis, 103 p., 1 plate.
Geologic map: Plate XXIX, scale 1:42,240.
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Geologic maps:
 238a Plate 5, scale 1:62,500;
 238b Plate 6, scale 1:100,000.
Note: Plates 1, 2, 3, 4a, and 4b, are all scale 1:12,000, are all within the area of Plate 5, and are not individually outlined.
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Geologic map: Plate 1, scale 1:16,800.
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Geologic map: Plate, scale 1:12,000.
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Geologic maps: Plate 3.1, scale 1:4,700; Plate 3.2, scale 1:600; Plate 3.3, scale 1:600.
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Geologic map: Plate 1, scale 1:24,000.
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Geologic map: Figure 2A, scale 1:24,000.
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Geologic maps:
 245a Plate XXI, scale 1:62,500;
 245b Plate XXIII, scale 1:31,680;
 245c Plate XXIV, scale 1:62,500;
 245d Plate XXVII, scale 1:62,500;
 245e Plate XXVIII, scale 1:62,500;
 245f Plate XXIX, scale 1:62,500;
 245g Plate XXX, scale 1:62,500;
 245h Plate XXXI, scale 1:62,500.
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- Geologic maps:*
- 248a Plate 1, scale 1:24,000;
 - 248b Plate 2, scale 1:24,000.
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- Geologic map:* Plate 1, scale 1:15,840.
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- Geologic map:* Plate 1, scale 1:24,000.
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- Geologic map:* Plate 1, scale 1:12,000.
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- Geologic map:* Plate 1, scale 1:24,000.
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- Geologic map:* Plate 1, scale 1:31,680.
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- Geologic map:* Plate 1, scale 1:24,000.
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- Geologic map:* scale 1:20,000.
259. Lovseth, T. P., 1975, The Devils Mountain fault zone, northwestern Washington: University of Washington Master of Science thesis, 29 p.
- Geologic map:* Figure 2, scale 1:50,600.
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- Geologic map:* Figure 13, scale 1:125,000.
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- Geologic map:* Figure 2, scale 1:84,480.
263. Magloughlin, J. F., 1986, Metamorphic petrology, structural history, geochronology, tectonics and geothermometry/geobarometry in the Wenatchee Ridge area, North Cascades, Washington: University of Washington Master of Science thesis, 343 p., 2 plates.
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- Geologic map:* Plate 4, scale 1:24,000.
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- Geologic map:* Plate, scale 1:62,500.
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- Geologic map:* Plate, scale 1:6,600.
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- Geologic maps:* Plate 6, scale 1:62,500; Plate 7–8, scale 1:62,500.
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- Geologic map:* Figure 11, scale 1:62,500.
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- Geologic maps:*
- 269a Plate 1, scale 1:24,000;
 - 269b Plate 2, scale 1:18,000.
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- Geologic map:*
- 270a Plate IX, scale 1:600.
- Geophysical map:*
- 270b Plate VIII (magnetic), scale 1:600.
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- Geologic map:* Plate 1, scale 1:100,000.
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- Geologic maps:* Plate 1A, scale 1:24,000; Plate 1B, scale 1:12,000.

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Geologic maps:
 278a Plate 3, scale 1:15,840;
 278b Map, scale 1:125,000;
 278c Map, scale 1:62,500.
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Geologic map: Figure 2, scale 1:24,000.
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Geologic map: Plate, scale 1:12,000.
281. McMichael, L. B., 1946, Geology of the northeastern Olympic Peninsula: University of Washington Master of Science thesis, 33 p., 1 plate.
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282. McMillen, D. D., 1979, The structure and economic geology of Buckhorn Mountain, Okanogan County, Washington: University of Washington Master of Science thesis, 68 p., 2 plates.
Geologic map: Figure 7, scale 1:31,680.
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Geologic map:
 283a Plate 3, scale 1:250,000.
Geophysical map:
 283b Plate 1 (gravity), scale 1:250,000.
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Geologic map: Figure 9, scale 1:48,000.
286. Menzer, F. J., Jr., 1964, Geology of the crystalline rocks west of Okanogan, Washington: University of Washington Doctor of Philosophy thesis, 64 p., 1 plate.
Geologic map: Plate 7, scale 1:44,000.
287. Mercier, J. M., 1977, Petrology of the upper Cretaceous strata of Stuart Island, San Juan County, Washington: Washington State University Master of Science thesis, 157 p., 1 plate.
Geologic map: Figure 4, scale 1:10,000.
288. Miers, J. H., 1970, Ultramafic dikes on Jumbo Mountain, Snohomish County, Washington: University of Washington Master of Science thesis, 54 p., 1 plate.
Geologic map: Plate 1, scale 1:31,680.
289. Miller, M. S., 1967, The bedrock geology of the southeast quarter of Mount Steel quadrangle, Washington: University of Washington Master of Science thesis, 78 p.
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Geologic map: Plate 1, scale 1:24,000.
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Geologic maps:
 291a Plate I, scale 1:24,000;
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Geologic map: Figure 4, scale 1:12,000.
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Geologic map: Plate 1, scale 1:12,000.
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Geologic maps: Plate 1, scale 1:6,000; Plate 2, scale 1:1,200.
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Geologic map: Plate 1, scale 1:2,000.
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Geologic map: Plate 1, scale 1:10,400.

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Geologic map: Plate 1, scale 1:24,000.
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Geologic map: Plate 2, scale 1:21,120.
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Geologic maps: Plate 1, scale 1:24,000; Plate 2, scale 1:24,000; Plate 3, scale 1:24,000.
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Geologic map: Figure 2, scale 1:20,833.
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Geologic map: Plate III, scale 1:125,000.
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Geologic map: Plate B, scale 1:62,500.
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Geologic map: Plate [1], scale 1:31,680.
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- 324b Map B, scale 1:24,000;
324c Map C, scale 1:24,000.
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Geologic map: Plate 1, scale 1:12,000.
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Geologic map: Figure 3, scale 1:12,800.
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Geologic map: Plate I, scale 1:24,000.
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Geologic map: scale 1:6,000.
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Geologic map: Plate 1, scale 1:31,680.
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Geologic map: Plate III, scale 1:60,000.
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Geologic map: Plate 1, scale 1:63,360.
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Geologic maps: Plate 1, scale 1:24,000; Plate 2, scale 1:24,000; Plate 3, scale 1:24,000; Plate 4, scale 1:24,000.
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 382a Figure 7, scale 1:180,000;
 382b Figure 8, scale 1:109,000;
 382c Figure 9, scale 1:24,000.
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Geologic map: Plate 1, scale 1:125,000.
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Geologic map: Figure 5, scale 1:48,275.
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Geologic map: Figure 13, scale 1:24,000.
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Geologic map: Plate 1, scale 1:12,000.
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 406b Plate VII, scale 1:2,400;
 406c Plate XII, scale 1:62,500;
 406d Plate XVIII, scale 1:6,400;
 406e Plate XXIV, scale 1:3,000.
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 416b Map 2 (magnetic), scale 1:250,000; Map 3 (gravity), scale 1:250,000.
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421. Stout, M. L., 1957, Geology of the southwestern portion of the Mt. Stuart quadrangle, Washington: University of Washington Master of Science thesis, 115 p., 1 plate.
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Geologic map: Plate 1, scale 1:52,000.

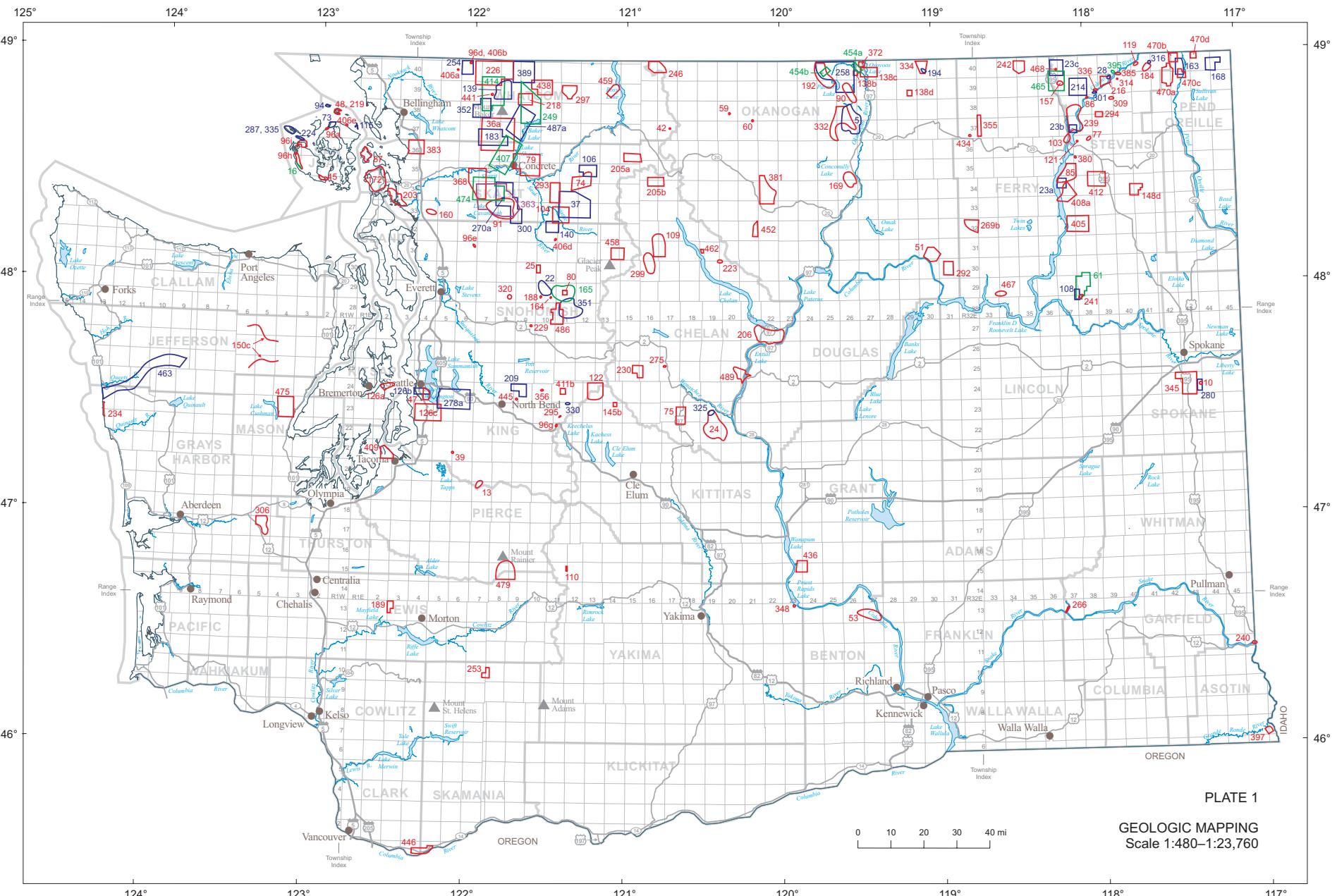
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Geologic map: Plate 6, scale 1:31,680.
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Geologic maps:
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 439b Map 2, scale 1:24,000.
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Geologic map: Figure 14, scale 1:40,550.
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Geologic map: Figure 4, scale 1:12,000.
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Geologic map: Plates 1 and 2, scale 1:100,000.
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Geologic maps:
 454a Plate 1, scale 1:10,000;
 454b Plate 2, scale 1:10,000;

- 454c Plate 3, scale 1:62,500.
455. Wade, W. M., 1988, Geology of the northern part of the Cooper Mountain batholith, north-central Cascades, Washington: San Jose State University Master of Science thesis, 88 p., 1 plate.
Geologic map: Plate, scale 1:24,000.
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Geologic map: Plate, scale 1:24,000.
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Geologic map: Plate 1, scale 1:24,000.
Note: mapped areas are separated
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Geologic map: Figure 2, scale 1:18,000.
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Geologic map: Plate II, scale 1:125,000.
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Geologic map: Plate 1, scale 1:9,600.
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Geologic map: Plate 3.1, scale 1:5,200.
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Geologic map: Plate 1, scale 1:1,200.
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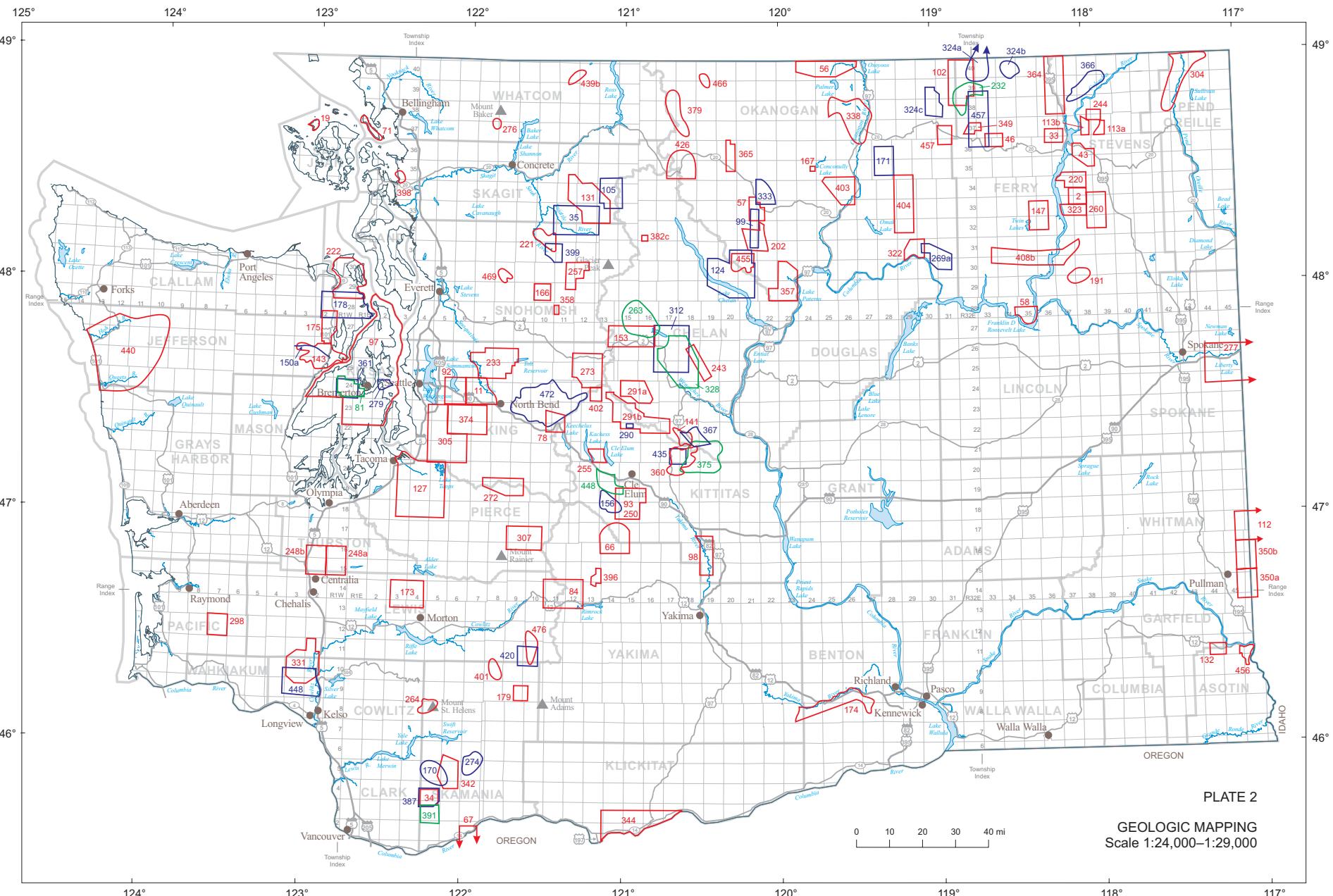
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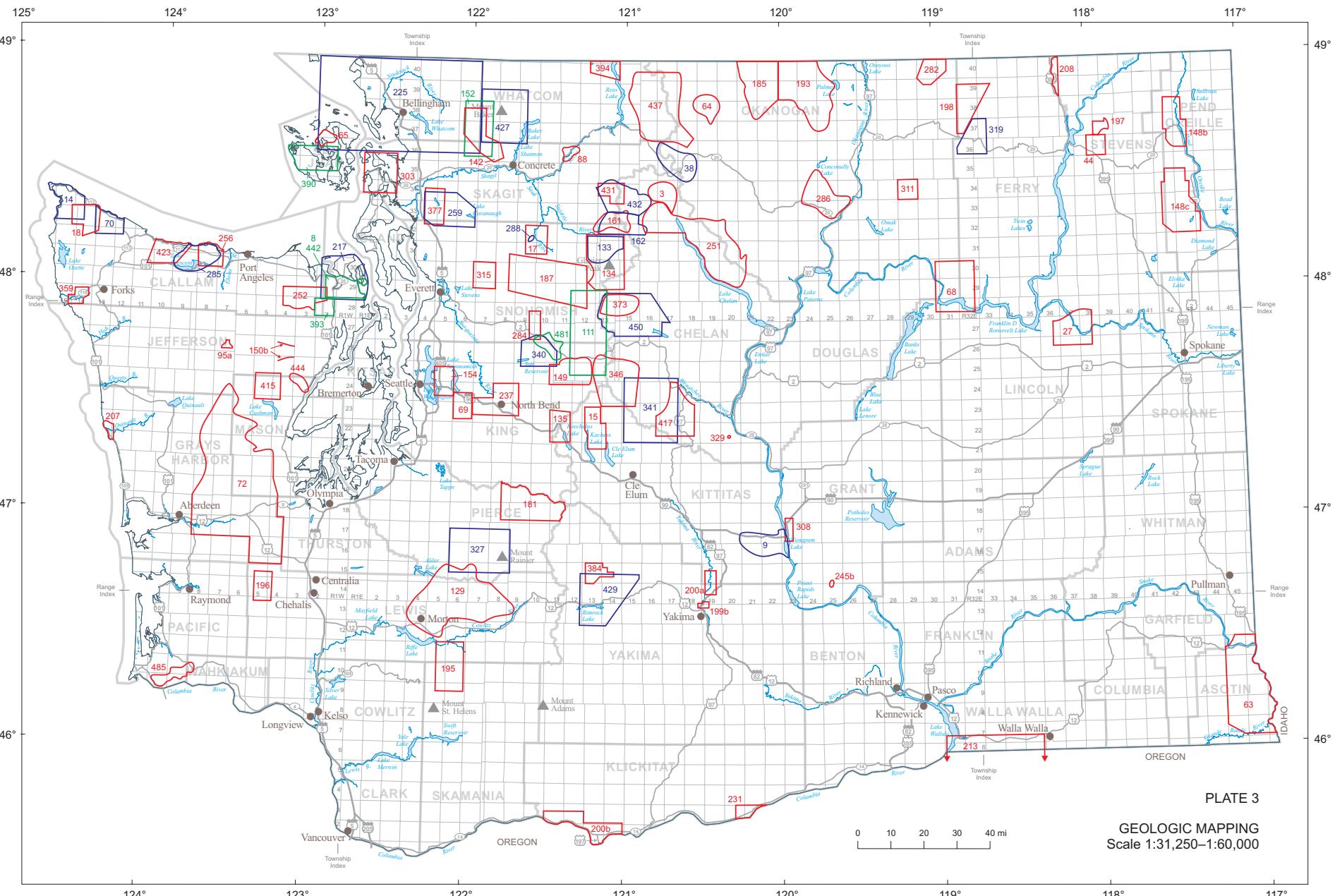


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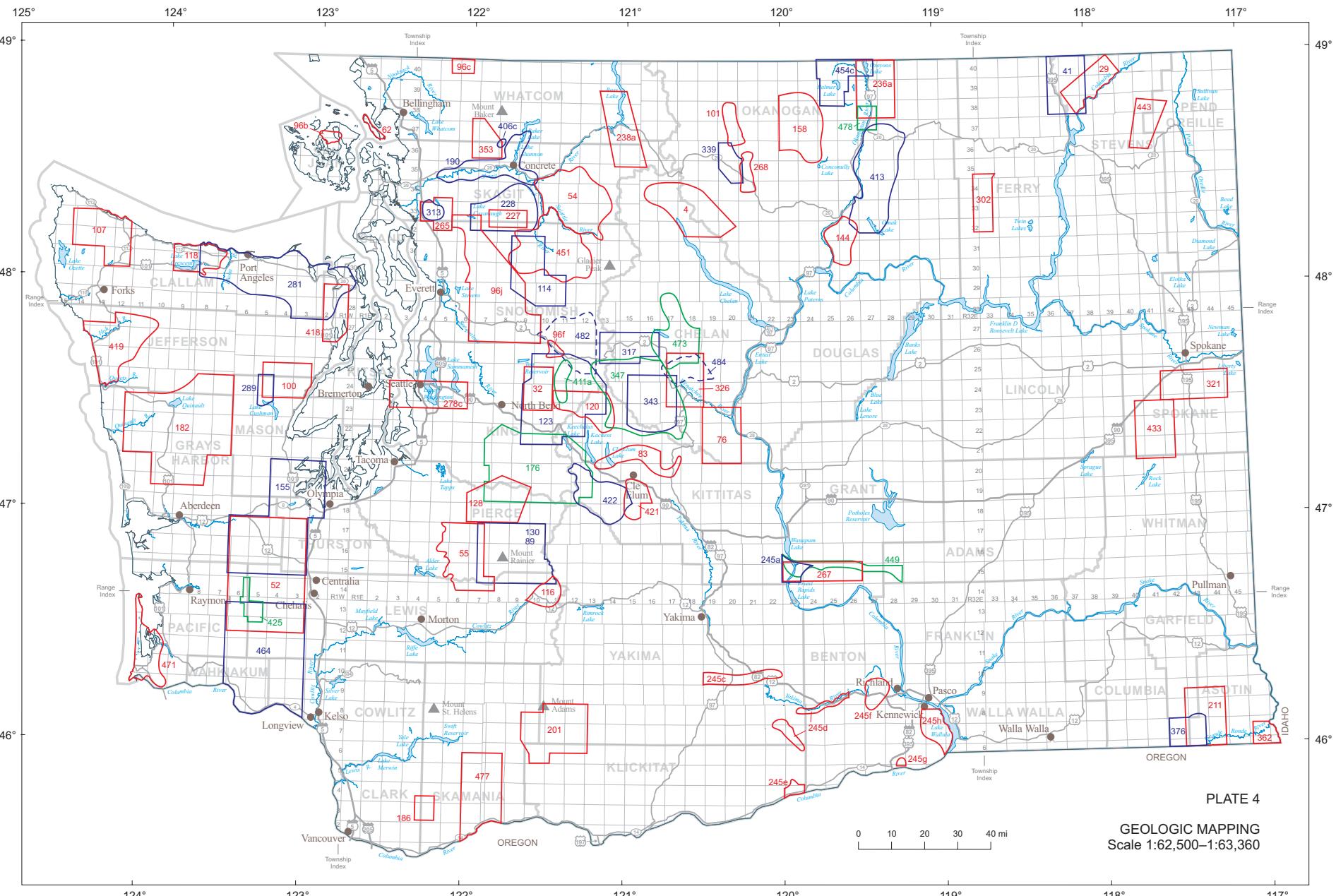
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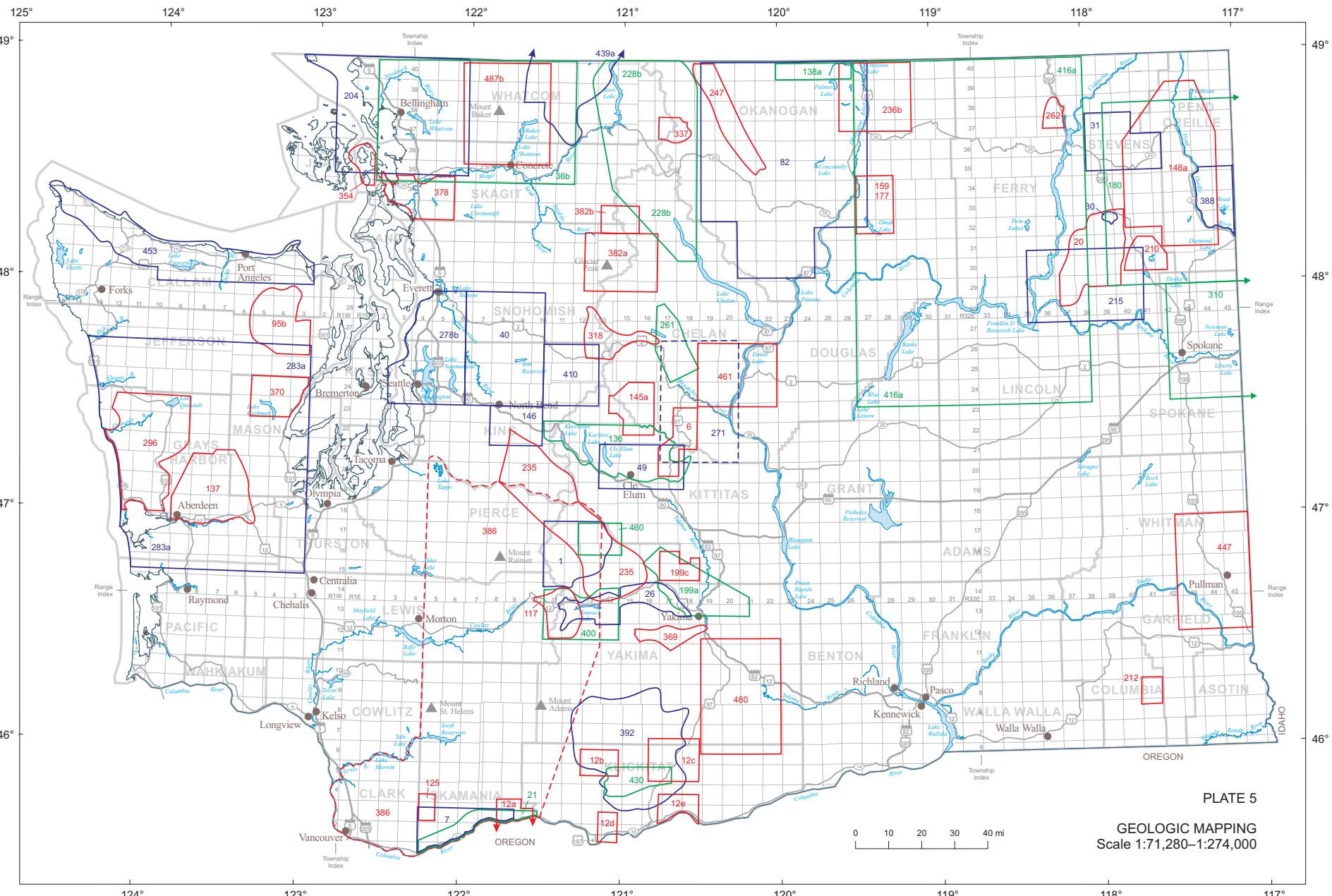


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